

EXERCISE REPORT — #Railroad / Chlorine Hazmat Response (Session 1)



Oakland County Hazardous Materials Response Team

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Michigan Hazmat

View online <http://qr.d4h.org/ecfa6>

Overview

Coordinates	42° 16.4862' N 83° 8.39' W 17 N 323545 4682501	Start	09:00 Tue 13th Sep 2016
Address	9901 Brockton Detroit Michigan 48211 United States	↓ 7 hrs	
		Finish	16:00 Tue 13th Sep 2016

Description	<p>Railroad hazmat response training conducted by Chlorine Institute. Topic includes Toxic Gases (Chlorine & Hydrogen Chloride); Corrosive Liquids (Hydrochloric Acid & Caustic Soda) & Flammable Gases (Vinyl Chloride)</p> <p>REGISTER HERE: https://www.transcaer.com/events.aspx?ID=1844</p> <p>*** Required Safety Gear for all Field Exercises: Hard hat, gloves, safety glasses, long pants, and sturdy leather work boots with a defined heel. Please advise the instructor of any pre-existing medical condition that may preclude participation in a field exercise.</p> <p>Pre-Plan: One-day Training Includes:</p> <ul style="list-style-type: none"> - Hands-on workshops and classroom instruction - One-on-one training opportunities with emergency response professionals - DVDs containing presentations, plus additional videos and reference materials - Complimentary lunch - Certificates upon successful completion <p>CLASSROOM SESSIONS:</p> <p>Railroad 101: Learn about railroad operations, hazards and safety rules. Rail hazmat safety and emergency response procedures are reviewed.</p> <p>Hazmat Safety & Emergency Response: Learn about the physical and chemical properties of toxic gases (chlorine & hydrogen chloride); corrosive liquids (hydrochloric acid & caustic soda) and flammable gases (vinyl chloride). Transportation methods, health effects of acute exposure, proper selection of personal protective equipment, first aid, and medical treatment measures are reviewed.</p> <p>FIELD EXERCISES:</p> <p>Understanding Tank Cars: Learn about the anatomy of general service and pressure tank cars including protective housings; valves and fittings; truck components; safety appliances; jacket, shell and head construction; placards and markings.</p> <p>A-Kit Workshop: Learn about potential leak scenarios for chlorine 150# cylinders and how to mitigate those leaks. Install new and old versions of the Emergency Kit "A" on chlorine cylinders.</p> <p>B-Kit Workshop: Learn about potential leak scenarios for chlorine ton containers and how to mitigate those leaks. Install new and old versions of the Emergency Kit "B" on ton container training devices.</p> <p>C-Kit Workshop: Learn about potential leak scenarios for chlorine rail tank car valves and fittings and how to mitigate those leaks. Install the Emergency Kit "C" on chlorine protective housings with valve arrangements for standard and next generation (dual valve system) assemblies.</p> <p>Midland ERK Workshop: Learn about potential leak scenarios for flammable gas tank car valves and fittings and how to mitigate those leaks. Install the Midland Emergency Response Kit on a typical flammable gas assembly.</p> <p>Leak Mitigation Exercises: Respond to simulated emergency scenarios. Hazmat leaks are simulated using compressed air and water. Students apply knowledge gained from classroom sessions and workshops to demonstrate proficiency and successfully mitigate leaks.</p>
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Activities	Hazard Class → 2.3 Poison Gas, 3 Flammable Liquid, 8 Corrosive Exercise Type → Drill (Hands On) MIOSHA 432 Technician Training → E. Hazard and Risk Assessment, F. Advanced Leak/Spill Control Incident Type → Rail Incident
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Resources

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Equipment

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Attendance

-	Claussen, Rogers 103 (RHF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Dinda, Sumi 135 (AHF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Engel, Troy 140 (CLF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Firth, Paul 107 (TRF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Gardenhire, Andre 123 (FHF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Kozlowski, Ted 105 (HMT)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Pajkowski, Alexander 115(LTFD)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Stefancin, Jeff 143 (FBF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	Strickland, Matt 145 (SPF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016
-	White, Dan 136 (INF)	09:00 Tue 13th Sep 2016	16:00 Tue 13th Sep 2016

Signed:

Date: